

Work Order ID 63708

November 10, 2010 11:02:23 AM

Page 1

Item ID: D4197-1

Accept

Revision ID: PRELIM

Item Name: Rotary Variable Displacement Transducer (RVDT)

Start Date: 11/10/10 Start Qty: 3.00

Required Date: 12/20/10 Req'd Qty: 3.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: CZ Date: 10/11/10 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D4197	PA1

100 0.00



Purchasing

Purchasing

PURCHASING

Memo

Issue P/O: 12896
Possible Supplier: TRANSICOIL
Material release note required

CZ 10/11/10 (3)

110 0.00



Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

Ensure material certification is attached

4/2/28 (3)

120 0.00



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

inspect to P&2
Dry only
Emulsion (3)



PRELIMINARY ISSUE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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November 10, 2010 11:02:23 AM



Page 2

Item ID:	D4197-1	Accept		Setup	Start	
Revision ID:	PRELIM				Stop	
Item Name:	Rotary Variable Displacement Transducer (RVDT)					
Start Date:	11/10/10	Start Qty:	3.00	Cust Item ID:		
Required Date:	12/20/10	Req'd Qty:	3.00	Customer:		
Reference:						

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Identify as per dwg & Stock Location: _____	0.00							
Packaging	Memo	0.00	EAGLE HARVEY			11/3/2	50		30
Packaging									
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

RD 1344

11-03-2
3

POSITIVE RECALL

EFFECTIVE 11-10 AUTH W

RELEASED _____ DATE _____

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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✓ **NOTE:** Date & initial all entries

Picklist Print

November 10, 2010 11:02:22 AM

Page 1

Work Order ID: 63708



Parent Item: D4197-1



Parent Item Name: Rotary Variable Displacement Transducer (RVDT)


Start Date: 11/10/10

Required Date: 12/20/10

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP REV:A NEW ISSUE 10-10-20 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4197-1P  Rotary Variable Displacement Transducer (RVDT)		Purchased	No				Each	0.0000	1	3			



Puff/2/20 (3)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

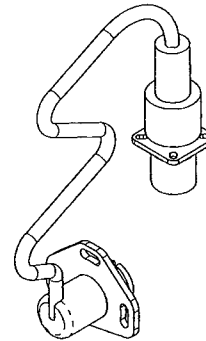
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING



PRELIMINARY ISSUE

C2011110

W10:63708

DART PART NUMBER	DESCRIPTION	MANUFACTURER	MANUFACTURER PART NUMBER
D4197-1	ROTARY VARIABLE DISPLACEMENT TRANSMITTER (RVDT)	TRANSICOIL	82686-U-310477-1

D4197-X RVDT

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 0.23 lbs

PA1	NEW ISSUE		10.09.28	
REV.	DESCRIPTION		BY DATE	
DESIGN	<div>DART AEROSPACE LTD</div> <div>HAWKESBURY, ONTARIO, CANADA</div> <div>DRAWING NO. REV. PA1</div> <div>D4197 SHEET 1 OF 1</div> <div>TITLE SCALE</div> <div>RVDT NTS</div> <div>COPYRIGHT © 2010 BY DART AEROSPACE LTD</div> <div><small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small></div>			
DRAWN				
CHECKED				
MFG. APPR.				
APPROVED				
DE APPR.				
DATE				10.09.28

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO12896

Purchase Order Date 11/10/10

PO Print Date 12/02/10

Page Number 1 of 1

Order From :

VU-ADS001

ADS TRANSICOIL
PO BOX 73458
CLEVELAND, OH 44193
USA

Contact Name
Vendor Phone 484-902-1100
Vendor Fax 484-902-1150
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency USD
FOB FOB Origin

REVISED

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
e-mail Link

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
2	D4197-1P	Rotary Variable Displacement Transducer (LVDT)	3/21/11 12/20/10	3.00	FedEx PI collect	\$7,610.2100	\$22,830.63
			Yes	Each			

Special Inst: AS PER DWG D4197 REV. PA1
B63708
RDTV - ADS TRANSICOIL P/N: U-
310477-1

PO Total: \$22,830.63

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

PO Instructions: PLEASE SHIP FEDEX P1 ACCT: 15179324-0

Change Nbr: 5

Change Date: 12/02/10

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



ADS/Transicoil
9 Iron Bridge Drive
Collegeville, PA 19426 USA
Phone: 484-902-1100 Fax : 484-902-1150

PACKING SLIP

PACKING SLIP #

46988

SHIP DATE

02/25/11

PAGE NUMBER

1

STOCK
U/M

Dart Aerospace, Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada
Ph: 613-632-9577
Fax: 613-632-1053

SHIP
TO

Dart Aerospace, Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada
Ph: 613-632-9577
Fax: 613-632-1053

CUSTOMER #		ORDER #	ORDER DATE	SHIPPED VIA	
DARTA100 BY00		610422	11/12/10	FED EX ND AM_PRIORITY NEXT DAY AM	
STOCK U/M	DESCRIPTION		PROMISED DATE	QUANTITY ORDERED	QUANTITY SHIPPED
	Ship/Prod Note: PO#, Item# & P/N's must appear on all shipping papers, invoices, packing list, packages & correspondence.				
EA	U-310477-1 -- ROTARY TRANSDUCER,RVDT Box Info: Customer PO: PO12896 Serial Number: 0249, 0362, 0363 Total Cartons: Total Weight: 2.00		03/21/11	3.00	3.00

Quantity Checked By: _____

Shipping Charge: _____

Certification of Compliance

We certify that all material, processes, parts, and/or assemblies shipped herein under the subject purchase order comply with the item description as referenced on our purchase order acknowledgement; and/or associated documents, and have been approved, where applicable, by cognizant government agencies. We further certify that when applicable, the chemical, physical, electrical, and/or inspection test data covering the manufactured parts and/or processes used during the fabrication of these parts and/or assemblies are on file and are subject to your review.

Richard O'Leary
Director of Quality